

10/518527


Rec'd PCT/PTO 20 DEC 2004

Form PTO/SB/08A		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Application Number</b>	To Be Assigned
		<b>Filing Date</b>	Herewith
		<b>First Named Inventor</b>	HiroYuki FURUYA, et al
		<b>Group Art Unit</b>	To Be Assigned
		<b>Examiner Name</b>	To Be Assigned
<b>Sheet</b> 1 <b>of</b> 1	<b>Attorney Docket Number</b>		10407-118US(A3034MT-US1)

U.S. PATENT DOCUMENTS			
Exr Initials	U.S. Patent Document		Name of First Inventor of Cited Document
	Number	Kind Code (if known)	
JH	6,144,679		Herman, et al.
	4,922,091		Grischkowsky
	5,799,116		Yamamoto

FOREIGN PATENT DOCUMENTS						
Exr Initials	Foreign Patent Document			Name of Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY	T <sub>1</sub>
	Country Code	Number	Kind Code (if known)			
JH	JP	11-024117	A	Hitachi Cable Ltd.	01-1999	X*
	JP	11-183949	A	Hitachi Cable Ltd.	07-1999	X*
	JP	2003-015175	A	Mitsubishi Electric Corp.	01-2003	X*
	JP	09-321700	A	Yuseisho Tsushin Sogo Kenkyusho	12-1997	X*
	JP	07-007322	A	Atr Koudenpa Tsushin Kenkyusho:KK	01-1995	X*
				* = Abstract Only		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.		T <sub>1</sub>
JH	AVETISYAN, Y., et al., "Analysis of THz-wave surface-emitted difference-frequency generation in periodically poled lithium niobate waveguide", <u>Appl. Phys. B.</u> , 73, pp. 511-514 (2001).		X
	LEE, Y.-S., et al., "Generation of narrow-band terahertz radiation via optical rectification of femtosecond pulses in periodically poled lithium niobate", <u>Appl. Phys. Lett.</u> , Vol. 76, No. 18, pp. 2505-2507 (2000).		X
	SUHARA, T., et al., "Theoretical Analysis of Laterally Emitting Terahertz-Wave Generation by Difference-Frequency Generation in Channel Waveguides", <u>IEEE J. Quantum Electron</u> , Vol. 39, No. 1, pp. 166-171 (2003).		X
	PESCHEL, U., et al., "Optical rectification in a traveling-wave geometry", <u>Physical Review A</u> , Vol. 60, No. 6, pp. 4918-4926 (1999).		X
	LOYO-MALDONADO, V., et al., "Generation of Ultrashort Electrical Pulses in Semiconductor Waveguides", <u>CLEO 2002, Tuesday Afternoon</u> , pp. 256-257 (2002).		X
	KURI, T., et al., "Photonic Downconversion Technique Without Remotely Fed Local Light for Millimeter-Wave-Band Radio-on-Fiber Systems", <u>3<sup>rd</sup> Japan-Korea Joint Workshop on Microwave and Millimeter-Wave Photonics</u> , Technical Digest, pp. 91-94, (January 24-25, 2002).		X+
	X+ = Reference Not Attached. Unable to Locate Actual Article		

<b>Examiner Signature</b>		<b>Date Considered</b>	1-6-02
---------------------------	---	------------------------	--------

T<sub>1</sub> - Place a check mark if complete document is in English; otherwise, place a letter "A" if only an English abstract is attached.

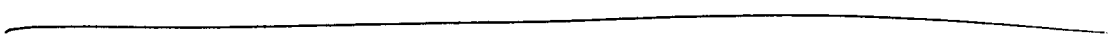
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10518527
	Filing Date		2004-12-20
	First Named Inventor	Hiroyuki Furuya	
	Art Unit	2872	
	Examiner Name	James P. Hughes	
	Attorney Docket Number	10407-118US A3034MT-US1	

U.S. PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
JH	1	5373575	A	1994-12-13	Yamamoto			
JH	2	5517157	A	1996-05-14	English			
If you wish to add additional U.S. Patent citation information please click the Add button.							Add	
U.S. PATENT APPLICATION PUBLICATIONS							Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Published Application citation information please click the Add button.							Add	
FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
JH	1	03-245131	JP		1991-10-31	Matsushita Electric Ind. Co. Ltd.		<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button.							Add	
NON-PATENT LITERATURE DOCUMENTS							Remove	


**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10518527
Filing Date	2004-12-20
First Named Inventor	Hiroyuki Furuya
Art Unit	2872
Examiner Name	James P. Hughes
Attorney Docket Number	10407-118US A3034MT-US1

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	1-6-02
--------------------	---	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.